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SENECIO PLANT NAMED 'SUNSENEBAPIBA'

Botanical/commercial classification:

Senecio cruentus x *Senecio heritieri*/~~Senecio Plant~~

Varietal denomination: ~~ex~~ Sunsenebapiba

5 BACKGROUND OF THE VARIETY

The present invention relates to a new variety of *Senecio* plant, which originated from the crossing of ~~[[a]]the~~ cultivar 'Extra Rose White' as the female parent and with a variety of *Senecio heritieri* as the male parent.

10 There are many varieties ~~in of~~ *Senecio* L. and *Senecio cruentus* ~~well known~~ as '~~Cineraria~~Senecio' and cultivated in the world. ~~There are m~~Many cultivated Senecio varieties ~~with flowers~~ have capitula of a single color of white, pink red, blue or violet~~[[.]], while others~~ ~~Some varieties~~ have marginal variegation with off color parts.

Progress

15 The female parent 'Extra Rose White' (unpatented) ~~used in the crossing of~~ '~~Sunsenebapiba~~' is a cultivar of *Senecio cruentus*. It is an early flowering variety having dwarf and mounding shape with large leaves. It has small single ~~flowers~~ capitula, the ~~petals~~ ray florets having vivid purplish red with white center coloration. The seed of 'Extra Rose White' is commercially available.

20 The male parent *Senecio heritieri* ~~used in the crossing of~~ '~~Sunsenebapiba~~' is a cultivar~~[[.]]~~ having a high and dome-shaped growth habit with abundant branching with and small leaves. It has small single ~~flowers~~ capitula, the ~~petals~~ ray florets having strong purple with vague white center coloration. *Senecio heritieri* was introduced from nurseries in England, and, to Applicant's knowledge has no variety name, and is ~~not~~ neither patented nor sold in the United States.

25 In January 1996, ~~crossing of~~ 'Extra Rose White' as the female parent was crossed with and *Senecio heritieri* as the male parent, in ~~was conducted at~~ Hakushu-

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cho, Kitakoma-gun, Yamanashi-ken, Japan. The seedlings ~~were~~ obtained from that crossing were grown in pots in glasshouses and evaluated ~~from~~ in July 1996. One seedling was selected in December 1996, in view of its growth habit, flower color and flowering time ~~in December 1996~~. That seedling was propagated by cutting and trialed ~~trial was in pots~~ carried out by flower potting from starting in July 1999, at Hakushu-cho, Kitakoma-gun, Yamanashi-ken, Japan. The botanical characteristics of that plant were then examined, using similar varieties 'Sunsenereba' (U.S. Plant Patent[[.]] Number[[o.]] 12122) and 'Rouge Chigasaki' (unpatented) for comparison. As a result, it was concluded that this Senecio plant is distinguishable from any other variety, whose existence is known to us, and is uniform and stable in its characteristics. Then ~~the~~ new variety of Senecio plant was named 'Sunsenebapiba'.

In the following description, the color-coding is in accordance with the Horticultural Colour Chart of The Royal Horticultural Society, London, England (R.H.S.-Colour Chart).

SUMMARY OF THE VARIETY

This new variety is unlike any Senecio commercially available known to the inventor as evidenced by the following unique combinations of characteristics.

1. Semi-dwarf, obconical plant shape having abundant branching with small leaves.
2. The ~~flowers~~ capitula are single and medium size. The ~~petals~~ ray florets having strong reddish purple (near R.H.S. 78B) with white center coloration. The ~~disk~~ disc floret color is deep reddish purple (near R.H.S. 79B).
3. Blooming time is early, and flowering duration is long.
4. ~~Having~~ The new variety has low fertility.

The new variety 'Sunsenebapiba' differs from the similar variety 'Sunsenereba' in the following points.

1. The plant size of 'Sunsenebapiba' is more compact than that of

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'Sunsenereba'.

2. The ~~flower~~capitulum diameter of 'Sunsenebapiba' is smaller than that of 'Sunsenereba'.

3. The peduncle length of 'Sunsenebapiba' is shorter than that of 'Sunsenereba'.

4. The blooming time of 'Sunsenebapiba' is earlier than that of 'Sunsenereba'.

The new variety 'Sunsenebapiba' differs from the similar variety 'Rouge Chigasaki' in the following points.

1. The plant size of 'Sunsenebapiba' is larger than that of 'Rouge Chigasaki'.

2. ~~Number of~~The branches of 'Sunsenebapiba' ~~is~~are more numerous than ~~that~~those of 'Rouge Chigasaki'.

3. The leaf of 'Sunsenebapiba' is smaller than that of 'Rouge Chigasaki'.

4. The ~~petal~~ray floret color of 'Sunsenebapiba' is strong reddish purple (near R.H.S. 78B) with white center coloration and the ~~disk~~disc floret color is deep reddish purple (near R.H.S. 79B). The ~~petal~~ray floret color of 'Rouge Chigasaki' has deep red (near R.H.S. 60B) with white center coloration and the disk color is deep purplish red (near R.H.S. 61A).

5. The blooming time of 'Sunsenebapiba' is earlier than that of 'Rouge Chigasaki'.

6. The flowering duration of 'Sunsenebapiba' is longer than that of 'Rouge Chigasaki'.

This new variety of Senecio Plant 'Sunsenebapiba' was asexually reproduced by the use of cuttings at Hakushu-cho, Kitakoma-gun, Yamanashi-ken, Japan, and homogeneity and stability thereof were confirmed. The instant plant retains its distinctive characteristics and reproduces true to type in successive generations.

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BRIEF DESCRIPTION OF THE PHOTOGRAPH

The depicted plants had been reproduced by the use of cuttings and were photographed during January 2003 while growing outdoors in 12 cm pots at an age of approximately 5 months at Yokaichi-shi, Shiga-ken, Japan.

5 FIG. 1 illustrates a typical plant of the new variety of Senecio plant 'Sunsenebapiba', growing in a pot.

FIG. 2 illustrates a close-up view of ~~flowers~~scapitula of the new variety of Senecio plant 'Sunsenebapiba'.

DESCRIPTION OF THE VARIETY

10 The botanical characteristics of the new and distinct variety of Senecio plant named 'Sunsenebapiba' are as follows, when observed during January at Yokaichi-shi, Shiga-ken, Japan, at an age of approximately 5 months.

Plant:

15 Growth habit. - Semi-dwarf, obconical.
Height. - Approximately 27.5 cm.
Width. - Approximately 21.0 cm.

Stem:

20 Length. - Approximately 18 cm.
Thickness. - Approximately 4.4 mm.
Color. - Near R.H.S. 144A (strong yellow green).
Anthocyanin coloration. - Absent.
~~Branching~~Number of branches. - Abundant.
Type of primary lateral shoot. - Branch from every node.
Pubescence. - Moderate.
25 Length of internode. - Approximately 1.8 cm.

Leaf:

Whole shape. - Cordate.
Leaf margin. - Dentate, weakly undulated.

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Apex shape. - Acute.

Base shape. - Cordate.

~~Degree of undulation. - Moderate.~~

Length. - Approximately 8.5 cm.

5 Width. - Approximately 9.4 cm.

Diameter of petiole. - Approximately 3.2 mm.

Length of petiole. - Approximately 6.2 cm.

Color of petiole. - Near R.H.S. 144B.

Color of upper surface. - Near R.H.S. 146A (~~moderate olive green~~).

10 Color of reverse surface. - Near R.H.S. 138B (~~grayish yellow green~~).

Anthocyanin coloration of reverse surface. - Absent.

Pubescence of upper surface - Moderate.

Pubescence of reverse surface. - Dense.

Pattern of venation. - Reticulate venation.

15 Color of venation. - Near R.H.S. 135B

Stipule. - Absent.

Flower Cluster (Gathering of corymbs):

~~Type of flower - Single.~~

Shape of flower cluster. - Flat.

20 Diameter of flower cluster. - Approximately 29 cm.

Height of flower cluster. - Approximately 16 cm.

Capitulum:

Transected shape of corolla. - Flat.

Diameter of ~~flower~~ capitulum. - Approximately 5.7 cm.

25 Diameter of ~~disk~~ disc floret. - Approximately 1.0 cm.

Color of ~~petal~~ ray floret. - Upper surface near R.H.S. 78B (~~strong reddish purple~~); lower surface near R.H.S. N78C.

Marginal variegation. - Present. The white center coloration is approximately 2.4 cm in diameter.

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~~Color of disk flower. - R.H.S. 79B (deep reddish purple).~~

~~Petal~~Ray floret length. - Approximately 2.4 cm.

~~Petal~~Ray floret width. - Approximately 0.8 cm.

Shape of ~~Petal~~ray floret. - Oblong.

5 Lengthwise warp of ~~Petal~~ray floret. - Flat.

Shape of ~~Petal~~ray floret tip. - ~~Acute~~Obtuse.

Shape of ray floret base. - Obtuse.

Margin of ray floret. - Entire, apex is bitten.

Texture. - Velvety.

10 Disc floret:

Shape. - Tubular, trumpet shape.

Color (both surfaces). - Near R.H.S. N79B to N78A.

Length. - Approximately 8.5 mm.

Diameter. - Approximately 1.0 mm.

15 Margin. - 5 lobed, star shape.

Apex shape. - Acute.

Base shape. - Fused.

Number of ray ~~flowers~~florets. - 13.

Number of ~~disk flowers~~disc florets. - Approximately 95.

20 Diameter of pedicel. - Approximately 1.3 mm.

Length of pedicel. - Approximately 2.7 cm.

Color of pedicel. - Near R.H.S. 138A, Near R.H.S. N79B at distal end.

Number of ~~flowers~~capitula per ~~flower cluster~~plant. - Abundant.

Scent. - Present.

25 Bud:

Hardiness. - Tolerant to 0°C. However, the plant would be seriously damaged by frost, the same as other Senecio plants, at any temperature.

Length. - Approximately 5.5 mm.

Diameter. - Approximately 6.0 mm.

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Shape. - Globose.

Surface. - Smooth.

Color. - Near R.H.S. 138A.

Involucre:

- 5 Type. - Bracts in a whorl, fused at the base, not recurved.
 Length of bracts (separated portion). - Approximately 3.0 mm.
 Width of bracts (separated portion). - Approximately 1.0 mm.
 Apex shape of bracts. - Acute.
 Margin of bracts. - Entire.

- 10 Number of bracts. - Approximately 14.
 Color (both sides). - Near R.H.S. 144A ~~(strong yellow green)~~.
 Anthocyanin coloration. - Absent.

Pistil:

- Color. - Near R.H.S. 80A (vivid reddish purple).
15 Number. - 1 per ray and disc floret.
 Type. - Style branches truncate.

Stamen:

- Pollen. - Moderate, color near R.H.S. 10A
 Color. - Near R.H.S. 77A (deep reddish purple).
20 Type. - Synantherous. A disc floret has 5 connate anthers with separated
filament. Ray floret has no stamen.

 Blooming time. - Beginning of November (cutting in July). Plants start
flowering about 5 months after planting root cuttings in Japan.

- The lastingness of an individual bloom on the Plant. - Approximately 2 weeks
25 at around 15°C.

Hardiness:

 Cold. - Good.

 Heat. - Good.

Resistance:

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Disease. - Good.

Insect. - Good.

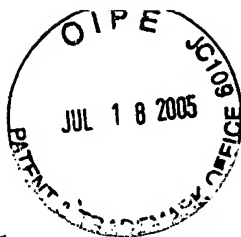
The new variety and *Senecio cruentus* have similar resistance to powdery mildew, leaf spot, aphid, whitefly and thrips. The new variety, 'Sunsenebapiba'[[,]] is most suitable for flower potting.

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It is claimed:

A new variety of Senecio plant named 'Sunsenebapiba', substantially as
herein illustrated and described.



SUBSTITUTE SPECIFICATION
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ABSTRACT OF THE DISCLOSURE

Disclosed herein is a new variety of Senecio plant having a semi-dwarf, obconical shaped with abundant branching and small leaves. The ~~flowers~~scapitula are single and medium size, the ~~petals~~ray florets having strong reddish purple with white center coloration. The blooming time is early and flowering duration is longer than *Senecio cruentus*. 'Sunsenebapiba' has low fertility.